

In the Specification

BENZOAMIDE PIPERIDINE CONTAINING COMPOUNDS AND RELATED
COMPOUNDS

The present invention relates to certain benzoamide piperidine containing compounds and related compounds that exhibit activity as NK-1 receptor antagonists, (e.g., substance P receptor antagonists), to pharmaceutical compositions containing them, and to their use in the treatment and prevention of central nervous system disorders, inflammatory disorders, cardiovascular disorders, ophthalmic disorders, gastrointestinal disorders, disorders caused by *helicobacter pylori*, disorders of the immune system, urinary incontinence, pain, migraine, emesis, angiogenesis and other disorders.

Substance P is a naturally occurring undecapeptide belonging to the tachykinin family of peptides, the latter being so-named because of their prompt stimulatory action on smooth muscle tissue. More specially, substance P is a pharmaceutically active neuropeptide that is produced in mammals (having originally been isolated from gut) and possesses a characteristic amino acid sequence that is illustrated by D. F. Veber et al. in US Pat. 4,680,283. The wide involvement of substance P and other tachykinins in the pathophysiology of numerous diseases has been amply demonstrated in the art.

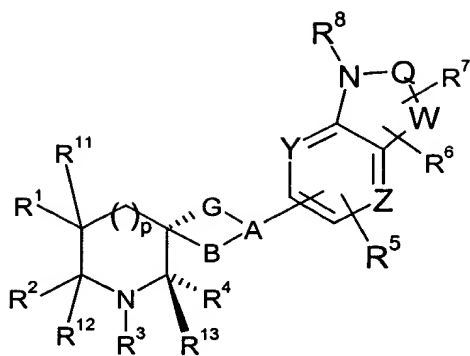
World Patent Application WO 97/03066, published January 30, 1997, and ~~U.S. Patent Application 08/98004, filed May 9, 1996~~ U.S. Patent 6,180,647, refer to substituted benzolactam and cyclichthioamide compounds that exhibit activity as substance P receptor antagonists. Other substance P receptor antagonists containing a fused bicyclic moiety are referred to in the following: U.S. Patent Application 09/011,271, filed June 10, 1996; U.S. Provisional Patent Application 60/132,858, filed May 6, 1999; U.S. Patent Application 09/402,630, filed October 26, 1998; and World Patent Application WO 99/13663, published June 23, 1994.

The foregoing patent applications are incorporated herein by reference in their entirety.

SUMMARY OF THE INVENTION

The present invention relates to compounds of the formula

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wherein Q is C=NH, C=CH₂, C=S, C=O, SO or SO₂;